

Title (en)

PROTECTION PANEL WITH TOUCH INPUT FUNCTION AND METHOD FOR PRODUCING THE PROTECTION PANEL

Title (de)

SCHUTZSCHIRM MIT BERÜHRUNGSEINGABEFUNKTION UND VERFAHREN ZUR HERSTELLUNG DES SCHUTZSCHIRMS

Title (fr)

PANNEAU DE PROTECTION AVEC FONCTION D'ENTRÉE TACTILE ET PROCÉDÉ POUR FABRIQUER LE PANNEAU DE PROTECTION

Publication

EP 2182425 A1 20100505 (EN)

Application

EP 08778110 A 20080711

Priority

- JP 2008062595 W 20080711
- JP 2007192323 A 20070724

Abstract (en)

A protection panel with a touch input function and a method for manufacturing the same are disclosed in which a thickness of a protection panel is reduced by using a glass plate as a rear substrate, and at the same time, a risk of generating crack or fracture in the rear substrate is suppressed, when a conductive pin is press-fitted into a through hole of the rear substrate. The protection panel with a touch input function includes: a front substrate (6) which has a resistive film (6A) formed on a rear face of the front substrate and whose rim portion (6E) is decorated; and a rear substrate (5) including at least a glass plate which has a resistive film (5A) on a front face of the rear substrate and whose rim portion has through holes (5a,5b) for electric conduction, which are connected so that the resistive films (5A,6A) are opposingly arranged with a predetermined gap, and electrodes (5D,6D) of the resistive films (5A,5B) are conductively connected to external terminals C through the through holes (5a,5b). In this protection panel, a conductive adhesive (10) is injected into the through hole (5a,5b), and a protection member (12) is provided between a conductive pin (11) inserted into the through hole (5a,5b) with the conductive adhesive (10) injected thereinto and an inner wall of the through hole (5a,5b).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2009014020A1

Cited by

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Designated extension state (EPC)

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